



# WATER RESOURCES PROGRAM DAM SAFETY OFFICE

## APPLICATION FOR DAM CONSTRUCTION PERMIT

\$500.00 initial non-refundable payment required with application

or \$10.00 Fee for Dam Removal  
(GRAY BOXES FOR OFFICE USE ONLY)

File No.	County Code	WRIA	Date Rec'd	Initial Fee Paid
<b>1. OWNER INFORMATION</b>				
Owner's Name			Telephone Number (     )	
Mailing Address (Street or P.O. Box)		(City)	(State)	(Zip)
<b>2. PROJECT ENGINEER INFORMATION</b>				
Project Engineer for Dam Design:			Telephone Number: (     )	
Address (Street or P.O. Box)		(City)	(State)	(Zip)
Washington State P.E. #			Expiration Date	
<b>3. CONSTRUCTION ENGINEER INFORMATION</b>				
Project Engineer for Oversight of Dam Construction:			Telephone Number: (     )	
Address (Street or P.O. Box)		(City)	(State)	(Zip)
Washington State P.E. #			Expiration Date	
<b>4. PROJECT INFORMATION</b>				
Project Name:				
Dam Name(s) (Also List Names of All Impounding Structures Associated with Project)				
Reservoir/Impoundment Name:				
New Construction <input type="checkbox"/> Modification of Existing Dam <input type="checkbox"/> Dam Removal <input type="checkbox"/>				
Name of Stream (If Offstream, Write <b>Offstream</b> and Name of Nearest Stream)				
Location of Dam (Include Map Showing Location of Project)	Section	Township N.	Range (E. or W.)	County
Location of Dam	Latitude		Longitude	

<b>4. PROJECT INFORMATION (cont.)</b>		
Purpose of Dam and Reservoir (Water Supply, Recreation, Power, Fish Propagation, etc.)		
Reservoir Operation Class (Permanent, Seasonal, or Intermittent Pool)	Dam Size - <input type="checkbox"/> Small <input type="checkbox"/> Intermediate <input type="checkbox"/> Large	
Downstream Hazard Classification (Class 1A, 1B, 1C, 2, or 3)		
Is Dam Regulated by Federal Agency?	If yes, Name of Agency	
Is Dam a Hydropower Project?	If yes, FERC License #	
Is Dam Constructed on Federal Land?		
Has Environmental Checklist Been Completed in Accordance with SEPA?		
Has Determination Been Made if Water Right Permit and/or Reservoir Storage Permit is Needed?		
<b>5. DAM INFORMATION</b>		
Proposed Dam Height (Crest to Toe)	Length Along Dam Crest	Width of Dam Crest
Type of Construction and Material of Which Dam is to be Built (Examples: Homogeneous Earthfill, Zoned Earthfill, Concrete Gravity)		
Proposed Date of Construction Startup	Anticipated Date Construction will Be Completed	
<b>6. RESERVOIR INFORMATION</b>		
Number of Acres Submerged at Normal Full Pool		
Number of Acre-Feet to be Stored at Normal Full Pool		
Number of Acre-Feet that can be Stored at Dam Crest Level		
<b>7. PROJECT OPERATION</b>		
Who Will Be Responsible for Project Operation & Maintenance?		
Who Will Be Responsible for Project Inspections & Monitoring?		

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Project Contact

\_\_\_\_\_  
Telephone Number

## INSTRUCTION SHEET FOR COMPLETING APPLICATION FOR DAM CONSTRUCTION PERMIT

1. **OWNER INFORMATION:** Name, Address, and Telephone of individual, corporation, public entity, etc., that is the legal owner of the project.
2. **PROJECT ENGINEER INFORMATION:** Name, Address, Telephone No., and P.E. No. of person who is to be Project Engineer. The Project Engineer has direct supervision in managing the engineering aspects of the project as representative of the owner.
3. **CONSTRUCTION ENGINEER INFORMATION:** Name, Address, Telephone No. of person who is to be Construction Engineer. The Construction Engineer is responsible for managing the construction of the project as representative of the owner, in accordance with the construction inspection plan. If same as Project Engineer, write "Same".

4. **PROJECT INFORMATION:**

Project Name: Name given to overall project.

Dam Name(s): Name for each dam, berm, dike, involved in project.

Reservoir Name: Name to be given to reservoir, lake, pond, impoundment, etc.

Name of Stream: Name of stream, creek, river that dam is to be constructed across. If the impoundment is not to be constructed across a stream, write "Offstream". If stream is unnamed, write "unnamed tributary of \_\_\_\_\_ Creek".

Location of Dam: Legal Description of land on which dam is built. Provide a map showing the project location.

Purpose of Dam and Reservoir: Indicate purpose(s) for which proposed project is to be used. Types of purposes would include: Water Supply (Irrigation, Industrial, or Municipal), Hydropower, Flood Control, Stormwater Detention, Recreation, Mine Tailings, Wastewater, Wildlife/Fish Propagation.

Reservoir Operation Class: Indicate how reservoir is to be operated:

Permanent Pool -	Operated year round at approximately same elevation.
Seasonal Pool -	Operated at full pool part of the year, with seasonal drawdown.
Intermittent Pool -	Impounds water infrequently and for short duration, such as flood control dams.

Dam Size: Small - Dam Height less than 15 feet.

Intermediate - Dam Height 15 feet or greater, but less than 50 feet.

Large - Dam Height 50 feet or greater.

Downstream Hazard Classification: Indicates level of downstream development that would be affected in the event of a dam failure:

3 - Low	No inhabited structures
2 - Significant	1 or 2 inhabited structures
1C- High	3 to 10 inhabited structures
1B- High	11 to 100 inhabited structures
1C- High	More than 100 inhabited structures

**Note:** See *Dam Safety Guidelines - Technical Note 1* for assistance in assessing the downstream hazard classification.

Has Environmental Checklist been Completed in Accordance with SEPA?: State Environmental Policy Act (SEPA) requires that agencies issuing permits, approvals, etc., must assure that appropriate consideration has been given to the environment. The SEPA process is initiated by the project proponent completing an Environmental Checklist. Information on the SEPA process can be obtained at local (city, county) planning departments, or from the Environmental Review Section of Ecology at (206) 459-6025. SEPA must be complied with before a Dam Construction Permit can be issued.

Has Determination Been made if Water Right and/or Reservoir Permit is Needed?: If water impounded by the dam is considered a beneficial use (e.g. water supply, recreation, fish propagation) then a water right and/or Reservoir Permit is required. Information and application forms can be obtained at the Ecology Regional Offices in Bellevue, Tumwater, Yakima, or Spokane.

5. **DAM INFORMATION:** Provide general dimensions and information about dam type.
6. **RESERVOIR INFORMATION:** Provide area and volume information for reservoir.
7. **PROJECT OPERATION:** Indicate responsible individuals for Operation & Maintenance, and Inspection & Monitoring once the project has been built and put into service.

*Ecology is an equal opportunity employer. To receive this document in an alternate format, contact the Water Resources/Dam Safety Office at (360) 407-6623(voice), or 711 or 1-800-833-6388 (TTY).*